



SEQUENCE LISTING

<110> Nakamura, Yusuke
Furukawa, Yoichi

<120> GENE AND PROTEIN RELATING TO HEPATOCELLULAR CARCINOMA AND METHODS OF
USE THEREOF

<130> 25371-021CIP/ONC-A0206P-US (CIP)

<140> US 10/788,847
<141> 2004-02-27

<150> PCT/JP02/09876
<151> 2002-09-25

<150> US 60/324,261
<151> 2001-09-25

<150> US 60/391,666
<151> 2002-06-26

<150> CA 2,399,569
<151> 2002-08-23

<150> US 60/450,644
<151> 2003-02-28

<160> 80

<170> PatentIn version 3.1

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1 5
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Glu Lys Phe Ala Thr Ala Asn Arg Gly Asn Gly Leu Arg Ala Val Thr
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ccg ctg cgc ccc gga gag cta ctc ttc cgc tcg gat ccc ttg gcg tac 209
Pro Leu Arg Pro Gly Glu Leu Leu Phe Arg Ser Asp Pro Leu Ala Tyr
25 30 35

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Thr Val Cys Lys Gly Ser Arg Gly Val Val Cys Asp Arg Cys Leu Leu	
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Gly Lys Glu Lys Leu Met Arg Cys Ser Gln Cys Arg Val Ala Lys Tyr	
55 60 65 70	
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Cys Ser Ala Lys Cys Gln Lys Lys Ala Trp Pro Asp His Lys Arg Glu	
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Cys Lys Cys Leu Lys Ser Cys Lys Pro Arg Tyr Pro Pro Asp Ser Val	
90 95 100	
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Arg Leu Leu Gly Arg Val Val Phe Lys Leu Met Asp Gly Ala Pro Ser	
105 110 115	
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Glu Ser Glu Lys Leu Tyr Ser Phe Tyr Asp Leu Glu Ser Asn Ile Asn	
120 125 130	
aaa ctg act gaa gat aag aaa gag ggc ctc agg caa ctc gta atg aca	545
Lys Leu Thr Glu Asp Lys Lys Glu Gly Leu Arg Gln Leu Val Met Thr	
135 140 145 150	
ttt caa cat ttc atg aga gaa gaa ata cag gat gcc tct cag ctg cca	593
Phe Gln His Phe Met Arg Glu Glu Ile Gln Asp Ala Ser Gln Leu Pro	
155 160 165	
cct gcc ttt gac ctt ttt gaa gcc ttt gca aaa gtg atc tgc aac tct	641
Pro Ala Phe Asp Leu Phe Glu Ala Phe Ala Lys Val Ile Cys Asn Ser	
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Phe Thr Ile Cys Asn Ala Glu Met Gln Glu Val Gly Val Gly Leu Tyr	
185 190 195	
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Pro Ser Ile Ser Leu Leu Asn His Ser Cys Asp Pro Asn Cys Ser Ile	
200 205 210	
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Val Phe Asn Gly Pro His Leu Leu Leu Arg Ala Val Arg Asp Ile Glu	
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Val Gly Glu Glu Leu Thr Ile Cys Tyr Leu Asp Met Leu Met Thr Ser	
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gag gag cgc cgg aag cag ctg agg gac cag tac tgc ttt gaa tgt gac	881
Glu Glu Arg Arg Lys Gln Leu Arg Asp Gln Tyr Cys Phe Glu Cys Asp	
250 255 260	
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Gln	Leu	Lys	Val	Leu	Asp	Cys	Ala	Met	Asp	Ala	Cys	Ile	Asn	Leu	Gly	
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Arg	Ile	Phe	Phe	Pro	Gly	Ser	His	Pro	Val	Arg	Gly	Val	Gln	Val	Met	
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Glu	His	Ser	Leu	Ile	Glu	Asp	Leu	Ile	Leu	Leu	Leu	Glu	Glu	Cys	Asp	
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Ala	Asn	Ile	Arg	Ala	Ser											
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 Pro Asp Ile Asn Ile Tyr Gln Leu Lys Val Leu Asp Cys Ala Met Asp
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 Ala Cys Ile Asn Leu Gly Leu Leu Glu Glu Ala Leu Phe Tyr Gly Thr
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 Arg Thr Met Glu Pro Tyr Arg Ile Phe Phe Pro Gly Ser His Pro Val
 355 360 365
 Arg Gly Val Gln Val Met Lys Val Gly Lys Leu Gln Leu His Gln Gly
 370 375 380
 Met Phe Pro Gln Ala Met Lys Asn Leu Arg Leu Ala Phe Asp Ile Met
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